```
      FILE 'CAPLUS' ENTERED AT 14:34:39 ON 20 JUN 2007
L1   48662 S INCOMPAT? OR IMMISC?
L2   71107 S POLYCARBONATE? OR POLYCARBONATE?
L3   239477 S ABS OR ACRYLONITRILE BUTADIENE STYRENE
L4   368876 S POLYETHYLENE OR ETHYLENE OLEFIN OR ETHYLENE ALPHA OLEFIN
L5   56 S L1 AND L2 AND L3
L6   152 S L4 AND (L2 OR L3) AND L1
L7   17341 S MELT FLOW OR MFR
L8   1 S L6 AND L7

=>
```

# Freeform Search

**Database:**

> US Pre-Grant Publication Full-Text Database
> US Patents Full-Text Database
> US OCR Full-Text Database
> EPO Abstracts Database
> JPO Abstracts Database
> Derwent World Patents Index
> IBM Technical Disclosure Bulletins

**Term:** 132 or 137 or 135

**Display:** 50 Documents in Display Format: |- Starting with Number 1

**Generate:** ○ Hit List ◉ Hit Count ○ Side by Side ○ Image

[ Search ]   [ Clear ]   [ Interrupt ]

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## Search History

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**DATE: Wednesday, June 20, 2007**     **Purge Queries**     Printable Copy     Create Case

| Set Name side by side | Query | Hit Count | Set Name result set |
|---|---|---|---|
| | *DB=PGPB,USPT; PLUR=YES; OP=ADJ* | | |
| L46 | l32 or l37 or l35 | 20 | L46 |
| L45 | ((("20050038185" \| "20020169224")!.PN.) .p150-p173. \| (("5284694" \| "6511743" \| "6638985" \| "6331586" \| "5334647" \| "5844037")!.PN.) .p67-p149. | 8 | L45 |
| L44 | l42 not l43 | 49 | L44 |
| L43 | ((("20060235167" \| "20060247388" \| "20070092826" \| "20050192403" \| "20040175406" \| "20070065615")!.PN.) .p150-p173. \| (("7081496" \| "6844380" \| "7211364" \| "6664366" \| "6797216")!.PN.) .p67-p149. | 11 | L43 |
| L42 | L41.ab. and l20 | 60 | L42 |
| L41 | immiscible or incompatible | 100694 | L41 |
| L40 | l39.ab. or L38.ab. | 272 | L40 |
| L39 | l33 same alloy | 1260 | L39 |
| L38 | l33 same blend | 4437 | L38 |
| | *DB=PGPB; PLUR=YES; OP=ADJ* | | |
| L37 | ((("20030091768" \| "20020039657" \| "20030180542" \| "20030125514" \| | 5 | L37 |

"20030175488")!.PN.) .p150-p173.

*DB=PGPB,USPT; PLUR=YES; OP=ADJ*

| L36 | I34 and I35 | 17 | L36 |
| L35 | ((("20030091768" \| "20020039657" \| "20030180542" \| "20030072945" \| "20030125514" \| "20020156229" \| "20030175488")!.PN.) .p150-p173. \| (("6610409" \| "6245118" \| "6228910" \| "6265522" \| "6291589" \| "4585701" \| "6294647" \| "6835439" \| "6753406" \| "6596843")!.PN.) .p67-p149. | 17 | L35 |
| L34 | "pc/abs" same L33 | 29 | L34 |
| L33 | immiscible or incompatible | 100694 | L33 |
| L32 | ((("20030175488")!.PN.) .p150-p173. \| (("5610455" \| "6514608" \| "6521704")!.PN.) .p67-p149. | 4 | L32 |
| L31 | I29 and I30 | 7 | L31 |
| L30 | ((("20030211281" \| "20030175488")!.PN.) .p150-p173. \| (("5610455" \| "6514608" \| "6610770" \| "6521704" \| "3641760")!.PN.) .p67-p149. | 7 | L30 |
| L29 | I27 and I28 | 32 | L29 |
| L28 | ((("20030125462" \| "20030211281" \| "20020172816" \| "20010051132" \| "20010029739" \| "20030147780" \| "20030009126" \| "20020034610" \| "20030138612" \| "20030175488")!.PN.) .p150-p173. \| (("6531548" \| "6849329" \| "6514608" \| "6692823" \| "6521704" \| "6521690" \| "6610770" \| "6506492" \| "4507442" \| "5264491" \| "5055531" \| "6331343" \| "5610455" \| "6150493" \| "4367317" \| "6286319" \| "5384359" \| "5693700" \| "5314970" \| "3641760" \| "6242520" \| "6128918")!.PN.) .p67-p149. | 32 | L28 |
| L27 | I24 or I25 or L26 | 69 | L27 |
| L26 | I4 same I21 same L23 | 22 | L26 |
| L25 | I4 same I22 same L23 | 64 | L25 |
| L24 | I21 same I22 same L23 | 17 | L24 |
| L23 | I1 or I18 | 1250 | L23 |
| L22 | I7 or poly ethylene | 555670 | L22 |
| L21 | I6 or abs | 237712 | L21 |
| L20 | I17 or L19 | 219 | L20 |
| L19 | I16 and L18 | 192 | L19 |
| L18 | immiscible near2 blend | 1063 | L18 |
| L17 | I1 and L16 | 40 | L17 |
| L16 | I13 or I14 or L15 | 28109 | L16 |
| L15 | I3 and I6 | 280 | L15 |
| L14 | I3 and I7 | 1503 | L14 |
| L13 | I6 and I7 | 26746 | L13 |
| L12 | I1 and L11 | 179 | L12 |
| L11 | I8 or I9 or L10 | 558030 | L11 |
| L10 | I3 or I6 | 42521 | L10 |
| L9 | I3 or I7 | 544671 | L9 |
| L8 | I7 or I6 | 556977 | L8 |
| L7 | polyethylene or ldpe or hdpe or ethylene copolymer or slep or plastomer | 543548 | L7 |

| L6 | L5 or acrylonitrile butadiene styrene | 40175 | L6 |
| L5 | abs same (styrene or polystyrene) | 31148 | L5 |
| L4 | l2 or L3 | 178487 | L4 |
| L3 | poly carbonate or copoly carbonate | 2626 | L3 |
| L2 | polycarbonate or copolycarbonate | 177259 | L2 |
| L1 | incompatible blend | 224 | L1 |

END OF SEARCH HISTORY

# Refine Search

## Search Results -

| Terms | Documents |
|---|---|
| L51 and 20030091768 | 0 |

**Database:**
```
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins
```

**Search:** L64

[Refine Search]

[Recall Text]   [Clear]   [Interrupt]

## Search History

**DATE:  Wednesday, June 20, 2007**    **Purge Queries**    Printable Copy    Create Case

| Set Name side by side | Query | Hit Count | Set Name result set |
|---|---|---|---|
| | *DB=PGPB,USPT; PLUR=YES; OP=ADJ* | | |
| L64 | l51 and 20030091768 | 0 | L64 |
| L63 | 20030091768 | 1 | L63 |
| | *DB=USPT; PLUR=YES; OP=ADJ* | | |
| L62 | 20030091768 | 0 | L62 |
| L61 | mfi and l56 | 1 | L61 |
| L60 | l4 and l56 | 2 | L60 |
| L59 | l7 and l56 | 2 | L59 |
| L58 | l51 and l56 | 2 | L58 |
| L57 | l4 and l6 and l7 and l56 | 2 | L57 |
| L56 | (("5334647" \| "6331586")!.PN.) .p67-p149. | 2 | L56 |
| | *DB=PGPB,USPT; PLUR=YES; OP=ADJ* | | |
| L55 | l53 and l54 | 11 | L55 |
| | (("20030230824" \| "20030007293")!.PN.) .p150-p173. \| (("5225476" \| | | |

| L54 | "4886689" \| "6331586" \| "5258445" \| "5334647" \| "6863939" \| "5273755" \| "6479003" \| "6287680")!.PN.) .p67-p149. | 11 | L54 |
|---|---|---|---|
| L53 | l50 and L52 | 16 | L53 |
| L52 | l7 near5 L51 | 21680 | L52 |
| L51 | melt flow or high molecular weight or high viscosity | 194615 | L51 |
| L50 | l33.ab. and L49 | 328 | L50 |
| L49 | l7 same L48 | 68419 | L49 |
| L48 | l4 or l5 | 191364 | L48 |
| L47 | l33.ab. and l7 | 1577 | L47 |
| L46 | L32 or L37 or L35 | 20 | L46 |
| L45 | (("20050038185" \| "20020169224")!.PN.) .p150-p173. \| (("5284694" \| "6511743" \| "6638985" \| "6331586" \| "5334647" \| "5844037")!.PN.) .p67-p149. | 8 | L45 |
| L44 | L42 not L43 | 49 | L44 |
| L43 | (("20060235167" \| "20060247388" \| "20070092826" \| "20050192403" \| "20040175406" \| "20070065615")!.PN.) .p150-p173. \| (("7081496" \| "6844380" \| "7211364" \| "6664366" \| "6797216")!.PN.) .p67-p149. | 11 | L43 |
| L42 | L41.ab. and L20 | 60 | L42 |
| L41 | immiscible or incompatible | 100694 | L41 |
| L40 | L39.ab. or L38.ab. | 272 | L40 |
| L39 | L33 same alloy | 1260 | L39 |
| L38 | L33 same blend | 4437 | L38 |

*DB=PGPB; PLUR=YES; OP=ADJ*

| L37 | (("20030091768" \| "20020039657" \| "20030180542" \| "20030125514" \| "20030175488")!.PN.) .p150-p173. | 5 | L37 |
|---|---|---|---|

*DB=PGPB,USPT; PLUR=YES; OP=ADJ*

| L36 | L34 and L35 | 17 | L36 |
|---|---|---|---|
| L35 | (("20030091768" \| "20020039657" \| "20030180542" \| "20030072945" \| "20030125514" \| "20020156229" \| "20030175488")!.PN.) .p150-p173. \| (("6610409" \| "6245118" \| "6228910" \| "6265522" \| "6291589" \| "4585701" \| "6294647" \| "6835439" \| "6753406" \| "6596843")!.PN.) .p67-p149. | 17 | L35 |
| L34 | "pc/abs" same L33 | 29 | L34 |
| L33 | immiscible or incompatible | 100694 | L33 |
| L32 | (("20030175488")!.PN.) .p150-p173. \| (("5610455" \| "6514608" \| "6521704")!.PN.) .p67-p149. | 4 | L32 |
| L31 | L29 and L30 | 7 | L31 |
| L30 | (("20030211281" \| "20030175488")!.PN.) .p150-p173. \| (("5610455" \| "6514608" \| "6610770" \| "6521704" \| "3641760")!.PN.) .p67-p149. | 7 | L30 |
| L29 | L27 and L28 | 32 | L29 |
| L28 | (("20030125462" \| "20030211281" \| "20020172816" \| "20010051132" \| "20010029739" \| "20030147780" \| "20030009126" \| "20020034610" \| "20030138612" \| "20030175488")!.PN.) .p150-p173. \| (("6531548" \| "6849329" \| "6514608" \| "6692823" \| "6521704" \| "6521690" \| "6610770" \| "6506492" \| "4507442" \| "5264491" \| "5055531" \| "6331343" \| "5610455" \| | 32 | L28 |

"6150493" | "4367317" | "6286319" | "5384359" | "5693700" | "5314970" |
"3641760" | "6242520" | "6128918")!.PN.) .p67-p149.

| L27 | L24 or L25 or L26 | 69 | L27 |
|---|---|---|---|
| L26 | L4 same L21 same L23 | 22 | L26 |
| L25 | L4 same L22 same L23 | 64 | L25 |
| L24 | L21 same L22 same L23 | 17 | L24 |
| L23 | L1 or L18 | 1250 | L23 |
| L22 | L7 or poly ethylene | 555670 | L22 |
| L21 | L6 or abs | 237712 | L21 |
| L20 | L17 or L19 | 219 | L20 |
| L19 | L16 and L18 | 192 | L19 |
| L18 | immiscible near2 blend | 1063 | L18 |
| L17 | L1 and L16 | 40 | L17 |
| L16 | L13 or L14 or L15 | 28109 | L16 |
| L15 | L3 and L6 | 280 | L15 |
| L14 | L3 and L7 | 1503 | L14 |
| L13 | L6 and L7 | 26746 | L13 |
| L12 | L1 and L11 | 179 | L12 |
| L11 | L8 or L9 or L10 | 558030 | L11 |
| L10 | L3 or L6 | 42521 | L10 |
| L9 | L3 or L7 | 544671 | L9 |
| L8 | L7 or L6 | 556977 | L8 |
| L7 | polyethylene or ldpe or hdpe or ethylene copolymer or slep or plastomer | 543548 | L7 |
| L6 | L5 or acrylonitrile butadiene styrene | 40175 | L6 |
| L5 | abs same (styrene or polystyrene) | 31148 | L5 |
| L4 | L2 or L3 | 178487 | L4 |
| L3 | poly carbonate or copoly carbonate | 2626 | L3 |
| L2 | polycarbonate or copolycarbonate | 177259 | L2 |
| L1 | incompatible blend | 224 | L1 |

END OF SEARCH HISTORY

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     (FILE 'HOME' ENTERED AT 14:33:41 ON 20 JUN 2007)

     FILE 'CAPLUS' ENTERED AT 14:34:39 ON 20 JUN 2007
L1        48662 S  INCOMPAT? OR IMMISC?
L2        71107 S  POLYCARBONATE? OR POLYCARBONATE?
L3       239477 S  ABS OR ACRYLONITRILE BUTADIENE STYRENE
L4       368876 S  POLYETHYLENE OR ETHYLENE OLEFIN OR ETHYLENE ALPHA OLEFIN
L5           56 S  L1 AND L2 AND L3
L6          152 S  L4 AND (L2 OR L3) AND L1
L7        17341 S  MELT FLOW OR MFR
L8            1 S  L6 AND L7

     FILE 'STNGUIDE' ENTERED AT 15:41:56 ON 20 JUN 2007
L9            0 S  FDFDW

     FILE 'CAPLUS' ENTERED AT 16:42:07 ON 20 JUN 2007
L10      374559 S  L4 OR HDPE OR LDPE
L11         823 S  L10(4A)MELT FLOW
L12         553 S  L10(4A)MFR
L13        1288 S  L11 OR L12
L14      304054 S  L2 OR L3
L15          34 S  L13 AND L14

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